



TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2018-01-22-12
Customer : Assistant Executive Engineer, T. Dasarahalli Sub division, BBMP, Bangalore.
Address : T. Dasarahalli Sub division, BBMP, Bangalore.
Project Name : Improvements to roads and drains at between 3rd and 4th main cross roads Manjunatha Nagara in ward no 14 Bagalagunte.
Agency : Technical Manager West, KRIDI., Project Implementation Unit, No.280, 59th Cross, 17th 'C' main road, 3rd 'Y' Block, Rajajinagar, Bangalore-560 010.
Customer's Reference : BBMP/EE/DD/WO/79/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 22-01-18
Sample ID No : 2018-01-22-12 /03
Customer ID : Drain Concrete
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 29/01/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	Drain Concrete	M20	22/01/2018	29/01/2018	149.78 X 151.47 X 149.87	22687	8.235	412.9	18.2	17.9
2	Drain Concrete	M20	22/01/2018	29/01/2018	151.22 X 150.39 X 149.85	22742	8.175	407.1	17.9	
3	Drain Concrete	M20	22/01/2018	29/01/2018	150.66 X 150.77 X 151.48	22715	8.199	397.5	17.5	

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

(Signature)
Page 1/1
End of Report****
ಬಿ.ದಾಸರಾಜ್, ಉಪ-ಮೇಲ್ವಿಚಾರಕ
ಪಾಲಿಕೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು



FOR CIVIL PRO.
(Signature)
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

**HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |**



TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2018-01-22-12
Customer : Assistant Executive Engineer, T. Dasarahalli Sub division, BBMP, Bangalore.
Address : T. Dasarahalli Sub division, BBMP, Bangalore.
Project Name : Improvements to roads and drains at between 3rd and 4th main cross roads Marjunatha Nagara in ward no.14 Bagalagunte.
Agency : Technical Manager West, KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' main road, 3rd 'Y' Block, Rajajinagar, Bangalore-560 010.
Customer's Reference : BBMP/EE/DD/WO/79/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 22-01-18
Sample ID No : 2018-01-22-12 /04
Customer ID : Drain Concrete
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 28 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete C1.5
Date of test : 19/02/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	Drain Concrete	M20	22/01/2018	19/02/2018	151.26 X 151.44 X 150.78	22907	8.214	524.6	22.9	22.9
2	Drain Concrete	M20	22/01/2018	19/02/2018	150.74 X 151.98 X 150.33	22909	8.198	529.2	23.1	
3	Drain Concrete	M20	22/01/2018	19/02/2018	150.29 X 15.75 X 150.78	2367	8.158	54.0	22.8	

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

[Signature]
ಬಿ.ದಾಸರಾಜ್ ಉಪ-ಇಂಜಿನಿಯರ್
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

Page 1/1
****End of Report****



FOR CIVIL PRO.
[Signature]
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE - 3



Certificate No. TC- 15548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 03/02/2018

Lab ID : CP-2018-01-29-12
Customer : Assistant Executive Engineer, T. Dasarahalli Sub division, BBMP, Bangalore.
Address : T. Dasarahalli Sub division, BBMP, Bangalore.
Project Name : Improvements to roads and drains at between 3rd and 4th main cross roads Manjunatha Nagara in ward no.14 Bagalagunte.
Agency : Technical Manager West, KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' main road, 3rd 'Y' Block, Rajajinagar, Bangalore-560 010.
Customer's Reference : BBMP/EE/DD/WO/79/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 29-01-18
Sample ID No : 2018-01-29-12 /01
Customer ID : C C Pavement
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M30 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 03/02/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	C C Pavement	M30	27/01/2018	03/02/2018	149.87 X 150.19 X 150.77	22509	8.217	565.0	25.1	25.7
2	C C Pavement	M30	27/01/2018	03/02/2018	150.98 X 150.74 X 151.99	22759	8.197	589.5	25.9	
3	C C Pavement	M30	27/01/2018	03/02/2018	150.75 X 151.69 X 150.37	22867	8.215	596.8	26.1	

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

[Signature]
Page 1/1
****End of Report****
[Signature]



FOR CIVIL Pro.
[Signature]
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID : CP-2018-01-29-12
Customer : Assistant Executive Engineer, T. Dasarahalli Sub division, BBMP, Bangalore.
Address : T. Dasarahalli Sub division, BBMP, Bangalore.
Project Name : Improvements to roads and drains at between 3rd and 4th main cross roads Marjunatha Nagara in ward no.14 Bagalagunte.
Agency : Technical Manager West, KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' main road, 3rd 'Y' Block, Rajajinagar, Bangalore-560 010.
Customer's Reference : BBMP/ET/DD/WO/79/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 29-01-18
Sample ID No : 2018-01-29-12 /02
Customer ID : C C Pavement
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M30 / 28 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete C15

Date: 24/02/2018

Date of test : 24/02/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	C C Pavement	M30	27/01/2018	24/02/2018	149.87 X 150.39 X 151.22	22539	8.156	748.3	33.2	33.0
2	C C Pavement	M30	27/01/2018	24/02/2018	150.75 X 150.19 X 150.39	22641	8.175	742.6	32.8	
3	C C Pavement	M30	27/01/2018	24/02/2018	151.77 X 150.84 X 150.75	22893	8.144	753.2	32.9	

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

R. Karthik Rechan
 Page 1/1
 End of Report****



FOR CIVIL Pro.

R. KARTHIK RECHAN
 Authorized Signatory
 Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2018-01-08-15
Customer : Assistant Executive Engineer, T. Dasarahalli Sub division, BBMP, Bangalore.
Address : T. Dasarahalli Sub division, BBMP, Bangalore.
Project Name : Improvements to roads and drains at between 3rd and 4th main cross roads Manjunatha Nagara in ward no.14 Bagalagunte.
Agency : Technical Manager West, KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' main road, 3rd 'Y' Block, Rajajinagar, Bangalore-560 010.
Customer Reference : BBMP/EE/DD/WO/79/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 08-01-18
Sample ID No : 2018-01-08-15 /02(b)
Sample Type/ Size : 20mm down size coarse aggregate
Reference to BIS codes : IS: 383:2016 (Specification for Coarse and fine Aggregates)
IS: 2386 :1963(Part - 1,3,4) RA2011
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption
IS 2386 Part 4: Mechanical Properties
Date of test : 08-01-18

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 20MM DOWN COARSE AGGREGATE:

Total weight taken : 5000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	40 mm	0	0	0	100	100
2	20 mm	254	254	5.1	94.9	90-100
3	10 mm	2435	2689	53.8	46.2	25-55
4	4.75 mm	1989	4678	93.6	6.4	0-10
5	Pan	322	5000	100	0	-

Page 1/2



R. K. Khanna

[Signature]
Sd/-
M. Dasarajulu, Asst. Engineer
T. Dasarahalli Sub Division
BBMP, Bangalore

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

**HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |**

STRUCTURAL | PROJECT MANAGEMENT | SURVEYING SERVICES |